

**REMARKS**

Reconsideration is respectfully solicited.

Applicants additional instructions request presentation of the claims herein. New claim 20 is supported by claims 1, 4, 7-9.

Regarding the citation of Balaraman et al applicants submit that the thrombolytic enzyme reported by them has a molecular weight of 18500 Daltons. No where in the publication is a thrombinase having a molecular weight of 31000 to 32000 Daltons reported. Further the process of preparing the thrombinase having the molecular weight of 31000 to 32000 Daltons disclosed in the application is quite different from that disclosed in the publication of Balaraman et al. The differences of applicants process for preparing the thrombinase having the molecular weight in the range of 31000 to 32000 Daltons include the use of specific culture medium and the specific pH range for culturing the cell. Further the speck concentration of the ammonium sulphate used is also a unique feature. Furthermore ice cold acetone has been re-precipitation which has not been reported by Balaraman et al. In addition the two step ultra filtration is also unique in the process. The uniqueness being the use of 100,000 MW (viz., 100 K) cut off filter followed by 10,000 MW (viz., 10 K) cut off filter as compared to 30,000 MW (viz., 30 K) cut off filter followed by 10,000 MW (viz., 10 K) cut off filter as stated in Balaraman et al. Moreover applicants have employed a buffer containing 0.1 to 0.5 M NaCl for decolorizing by modified CDR (Cell Debris Remover).

By selecting the 100,000 MW (100 K) cut off filter followed by 10,000 MW (10 K) cut off filter, applicants are able to retain the thrombolytic enzyme having MW in the range of 31,000 to 32,000 Daltons. Whereas the process employed by Balaraman et al, uses 30,000 MW (viz., 30 K) cut off filter followed by 10,000 MW (viz., 10 K) cut off filter the authors are able to

isolate only a thrombolytic enzyme having a MW of 18,500 Dalton. Hence we respectfully submit that the process disclosed in our application is not obvious for a person in the art and therefore the citation relied upon by the USPTO is not relevant.

It is believed that no fee is due for the submission. However, if any fee is necessary, please charge the fee or credit any overpayment in connection with this Information Disclosure Statement to Deposit Account No. 22-0261.

Respectfully submitted,



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